

Attorney Docket No. 5175-147

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Williams

Serial No.: 10/628,061

Confirmation No. 4153

Filed: July 25, 2003

For: METHODS OF INJECTING SUBSTANCES INTO EGGS WITH REDUCED
CONTAMINATION

October 31, 2003

Office of Initial Patent Examination
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CORRECTED FILING RECEIPT

Sir:

In reviewing the filing receipt (copy attached) for the above-referenced application, Applicant notes that the title of the application appears as "Methods of Injecting Substances Into Eggs with Reduced **Ocntamination.**"

Applicant respectfully requests that the title be corrected to read -- Methods of Injecting Substances Into Eggs with Reduced **Contamination.**-- Applicant also respectfully requests that a corrected filing receipt be issued.

Respectfully submitted,

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Office of Initial Patent Examination, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on October 31, 2003.

Michele P. McMahan



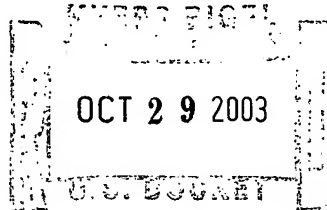
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| 10/628,061 | 07/25/2003 | 3643 | 750 | 5175-147 | 4 | 18 | 2 |

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CONFIRMATION NO. 4153

FILING RECEIPT



OC000000011092889

Date Mailed: 10/24/2003

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Christopher John Williams, Apex, NC;

Domestic Priority data as claimed by applicant

This appln claims benefit of 60/402,274 08/09/2002

Foreign Applications

If Required, Foreign Filing License Granted: 10/23/2003

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

Title

Methods of injecting substances into eggs with reduced contamination

Contamination

Preliminary Class

119

10-29-03 A10:03 IN



METHODS OF INJECTING SUBSTANCES INTO EGGS WITH REDUCED CONTAMINATION

RELATED APPLICATION

This application claims the benefit of U.S. Provisional Application No. 60/402,274 filed August 9, 2002, the disclosure of which is incorporated herein by
5 reference in its entirety as if set forth fully herein.

FIELD OF THE INVENTION

The present invention relates generally to eggs and, more particularly, to methods and apparatus for
10 treating eggs.

BACKGROUND OF THE INVENTION

15 Injections of various substances into avian eggs have been employed to decrease post-hatch mortality rates, increase the potential growth rates or eventual size of the resulting chicken, and even to influence the gender determination of the embryo. Similarly, injections of antigens into live eggs have been employed to incubate
20 various substances used in vaccines which have human or animal medicinal or diagnostic applications. Examples of substances that have been used for, or proposed for, in ovo injection include vaccines, antibiotics and vitamins. In addition, removal of material from avian eggs has been employed for various purposes, such as testing and
25 vaccine harvesting.

Examples of in ovo substances and methods of in ovo injection are described in U.S. Patent No. 4,458,630